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* Class I backfill required around 60" diameter fittings.

---

**NOTES:**

- Filter fabric (where required by engineer)
- Suitable foundation
- Undisturbed earth
- *Class I or II material placed and compacted in accordance with ASTM D2321 in pipe zone

---

**TABLE:**

<table>
<thead>
<tr>
<th>Nominal Diameter</th>
<th>Nominal O.D.</th>
<th>Typical Spacing &quot;S&quot;</th>
<th>Typical Spacing &quot;O&quot;</th>
<th>Typical Side Wall &quot;X&quot;</th>
<th>H (Non-Traffic)</th>
<th>H (Traffic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; (300mm)</td>
<td>14.0&quot; (360mm)</td>
<td>11&quot; (279mm)</td>
<td>25.5&quot; (648mm)</td>
<td>8&quot; (200mm)</td>
<td>12&quot; (305mm)</td>
<td>12&quot; (305mm)</td>
</tr>
<tr>
<td>15&quot; (375mm)</td>
<td>15&quot; (390mm)</td>
<td>11.5&quot; (292mm)</td>
<td>23.0&quot; (584mm)</td>
<td>9&quot; (225mm)</td>
<td>15&quot; (380mm)</td>
<td>15&quot; (380mm)</td>
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<td>18&quot; (450mm)</td>
<td>18&quot; (460mm)</td>
<td>12&quot; (305mm)</td>
<td>30.0&quot; (762mm)</td>
<td>10&quot; (250mm)</td>
<td>18&quot; (460mm)</td>
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<td>24&quot; (600mm)</td>
<td>14.0&quot; (356mm)</td>
<td>41.5&quot; (1054mm)</td>
<td>10&quot; (250mm)</td>
<td>24&quot; (610mm)</td>
<td>24&quot; (610mm)</td>
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<tr>
<td>30&quot; (750mm)</td>
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<td>36&quot; (890mm)</td>
<td>22&quot; (559mm)</td>
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<td>48&quot; (1250mm)</td>
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<tr>
<td>60&quot; (1500mm)</td>
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<td>90&quot; (2286mm)</td>
<td>12&quot; (305mm)</td>
<td>60&quot; (1520mm)</td>
<td>60&quot; (1520mm)</td>
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---

**DRAWING NUMBER:** STD-702

**DRAWING NUMBER:** STD-702

**REV.**

**DESCRIPTION**

**BY**

**WADDYY**

**CHkd**

**AM**

**DATE:** 07.25.05

**REV.**

**DESCRIPTION**

**BY**

**WADDYY**

**CHkd**

**TJR**

**DATE:** 02/19/15

**DESCRIPTION**

**BY**

**WADDYY**

**CHkd**

---

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